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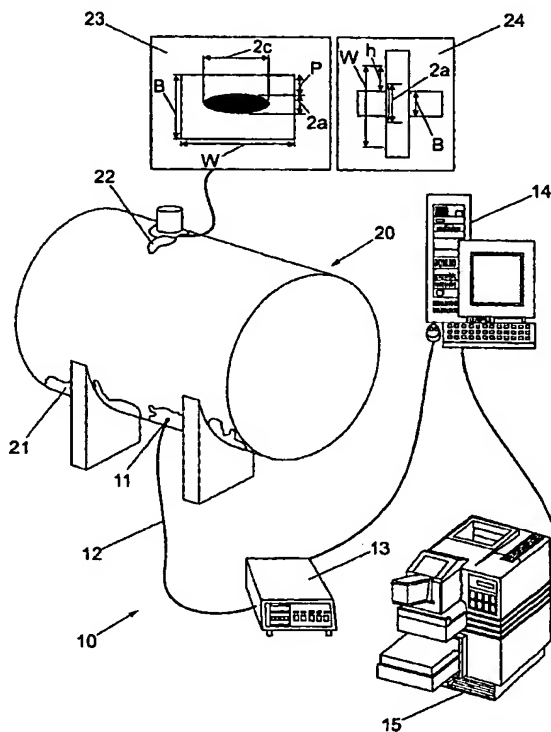
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[Continued on next page]

(54) Title: **METHOD FOR ASSESSING THE INTEGRITY OF A STRUCTURE**



(57) Abstract: A method for assessing the integrity of a structure, comprising the steps of: i) collecting data relating to the initial dimensions of the structure, ii) creating a computer model of the structure, iii) collecting data relating to the estimated load on the structure, iv) analysing the structure, using the computer model of the structure and the load data, in order to define areas which are subject to relatively high stress, v) measuring, after a time interval, the dimensions of the structure in high stress areas, vi) updating the computer model of the structure, using the results of step v), re-analysing the structure, using the updated computer model and the load data, in order to calculate a value for the integrity of the structure.

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 IPC 7 G05B G01N G01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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	column 5, line 11 - line 44 column 5, line 27 - column 6, line 2 -/--	

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